

**RULE 63 (37 C.F.R. 1.63)**  
**INVENTORS DECLARATION FOR PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**COUNTER-BORED FILM-COOLING HOLES**

the specification of which (check applicable box(es)):

- ☒ is attached hereto  
☐ was filed on \_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_ (Atty. Dkt. No. 839-1546)  
☐ was filed as PCT International application No. \_\_\_\_\_ on \_\_\_\_\_  
and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the Patent Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

| Application Number | Country | Day/Month/Year Filed |
|--------------------|---------|----------------------|
|--------------------|---------|----------------------|

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

| Application Number | Day/Month/Year Filed |
|--------------------|----------------------|
|--------------------|----------------------|

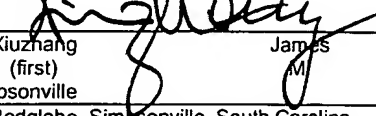
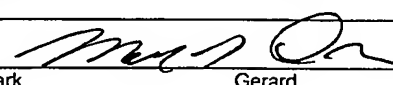
I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below.

Prior U.S./PCT Application(s):

| Application Serial No. | Day/Month/Year Filed | Status: patented<br>pending, abandoned |
|------------------------|----------------------|--|
|------------------------|----------------------|--|

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby ask that all correspondence in this matter be directed to:

**Customer Number: 30024**

- Inventor's Signature:  Date: 3/25/2004  
Inventor: Xiuzhang James Zhang USA  
(first) (last) (citizenship)  
Residence: (city) Simpsonville (state/country) South Carolina  
Mailing Address: 21 Redglobe, Simpsonville, South Carolina  
(Zip Code) 29681
- Inventor's Signature:  Date: 3/25/2004  
Inventor: Mark Gerard Duer USA  
(first) (last) (citizenship)  
Residence: (city) Simpsonville (state/country) South Carolina  
Mailing Address: 6 Summer Hill Road, Simpsonville, South Carolina  
(Zip Code) 29681

**[X] See attached sheet(s) for additional inventor(s) information!!**

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|    |  |
|----|--|
| 3. | Inventor's Signature: <u><i>Doyle</i></u> <u><i>Clyde</i></u> <u><i>Lewis</i></u> Date: <u>3/30/2004</u> |
|    | Inventor: <u>Doyle</u> <u>Clyde</u> <u>Lewis</u> <u>USA</u>  |
|    | (first) (last) (citizenship)   |
|    | Residence: (city) <u>Greer</u> (state/country) <u>South Carolina</u>                                     |
|    | Mailing Address: <u>444 Riverway Drive, Greer, South Carolina</u>  |
|    | (Zip Code) <u>29651</u>  |
| 4. | Inventor's Signature: _____ Date: _____  |
|    | Inventor: _____  |
|    | (first) MI (last) (citizenship)  |
|    | Residence: (city) _____ (state/country) _____  |
|    | Mailing Address: _____   |
|    | (Zip Code) _____   |
| 5. | Inventor's Signature: _____ Date: _____  |
|    | Inventor: _____  |
|    | (first) MI (last) (citizenship)  |
|    | Residence: (city) _____ (state/country) _____  |
|    | Mailing Address: _____   |
|    | (Zip Code) _____   |
| 6. | Inventor's Signature: _____ Date: _____  |
|    | Inventor: _____  |
|    | (first) MI (last) (citizenship)  |
|    | Residence: (city) _____ (state/country) _____  |
|    | Mailing Address: _____   |
|    | (Zip Code) _____   |

FOR ADDITIONAL INVENTORS, check box [ ] and attach sheet with same information and signature and date for each.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

ZHANG et al.

Atty. Ref.: 839-1546

Serial No. unknown

TC/A.U.: unknown

Filed: Herewith

Examiner: unknown

For: COUNTER-BORED FILM-COOLING HOLES

\* \* \* \* \*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**ATTN: LICENSING AND REVIEW**

**DECLARATION**

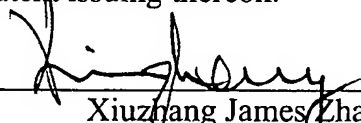
We, Xiuzhang James Zhang, Mark Gerard Duer and Doyle Clyde Lewis, whose residences are set forth below next to our names, do hereby declare as follows:

1. That we made and conceived the invention described in the U.S. patent application identified above.
2. That we made and conceived this invention while employed by General Electric Company, a corporation of New York, and to whom we have assigned all right, title and interest by virtue of a previously-filed Assignment document; that the invention is related to the work we were employed to perform and was made within the scope of our duties; that the invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of our employer, General Electric Company.


ZHANG et al.  
Serial No. unknown

3. That to the best of our knowledge and belief the invention was not made (conceived or first actually reduced to practice) under terms of any contract, subcontract or arrangement entered into with or for the benefit of the National Aeronautics and Space Administration.

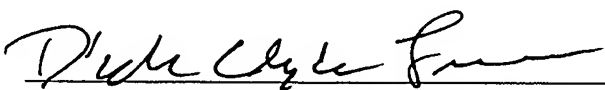
4. We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

  
Xiuzhang James Zhang  
21 Redglobe, Simpsonville, South Carolina  
29681

Date: 2/25/2004

  
Mark Gerard Duer  
6 Summer Hill Road, Simpsonville, South  
Carolina 29681

Date: 3/25/2004

  
Doyle Clyde Lewis  
444 Riverway Drive, Greer, South Carolina  
29651

Date: 3/30/2004